

being spun very fine have appeared coloured, as some have observed, and that the coloured fibres of some silks by varying the position of the Eye do vary their Colour. Also the Colours of silks, cloths, and other substances, which Water or Oyl can intimately penetrate, become more faint and obscure by being immersed in those liquors, and recover their vigor again by being dried, much after the manner declared of thin Bodies in the 10th and 21th Observations. Leaf-gold, some sorts of painted Glafs, the infusion of *Lignum Nephriticum*, and some other substances reflect one Colour, and transmit another, like thin Bodies in the 9th and 20th Observations. And some of those coloured powders which Painters use, may have their Colours a little changed, by being very elaborately and finely ground. Where I see not what can be justly pretended for those changes, besides the breaking of their parts into less parts by that contrition after the same manner that the Colour of a thin Plate is changed by varying its thickness. For which reason also it is that the coloured flowers of Plants and Vegetables by being bruised usually become more transparent than before, or at least in some degree or other change their Colours. Nor is it much less to my purpose, that by mixing divers liquors very odd and remarkable productions and changes of Colours may be effected, of which no cause can be more obvious and rational than that the saline corpuscles of one liquor do variously act upon or unite with the tinging corpuscles of another, so as to make them swell, or shrink (whereby not only their bulk but their density also may be changed) or to divide them into smaller corpuscles, (whereby a coloured liquor may become

come transparent into one cluster, compose a colour saline menstruumstances to which to precipitate wh we consider the v we may observe, hinder not the t into parts too small fices. But when begin to coalesce mediate sizes, the convenient size to others, may constit ding to their sizes nally conceived in the production o sizes of its fluid an

*The parts of L are denser than the intersices.*

This will appear a Body depends n dent perpendicular which are incident cording to the 7th of obliquity will cl thin body or small

come